LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062417\
Data File : BG027657.D
Acq On : 24 Jun 2017 13:31
Operator : SJ/JU
Sample : I3657-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-105S

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.645	294	299	305	rBV2	15885	25085	1.25%	0.282%
2	5.862	330	336	342	rBV2	18770	31798	1.59%	0.357%
3	6.085	368	374	384	rBV	165766	290423	14.48%	3.260%
4	7.642	631	639	648	rBV	110693	211250	10.53%	2.371%
5	8.036	699	706	716	rBV	316546	582078	29.03%	6.534%
6	8.506	779	786	793	rBV2	70300	127103	6.34%	1.427%
7	8.829	834	841	850	rVB	236786	441381	22.01%	4.954%
8	9.669	976	984	993	rBV	237074	444394	22.16%	4.988%
9	11.320	1257	1265	1275	rBV	102415	193102	9.63%	2.167%
10	13.712	1665	1672	1680	rVB	706609	1123668	56.03%	12.613%
11	14.517	1805	1809	1816	rVB	22244	35811	1.79%	0.402%
12	15.087	1898	1906	1916	rVB2	171625	294394	14.68%	3.304%
13	15.804	2023	2028	2032	rVB	22884	33494	1.67%	0.376%
14	16.573	2152	2159	2166	rBV	701715	1068848	53.30%	11.997%
15	16.761	2183	2191	2200	rVB3	43976	105735	5.27%	1.187%
16	17.537	2318	2323	2327	rBV4	14976	21922	1.09%	0.246%
17	17.836	2367	2374	2381	rBV2	241489	380158	18.96%	4.267%
18	17.925	2385	2389	2394	rBV2	23005	31624	1.58%	0.355%
19	18.677	2512	2517	2530	rBV2	53212	94454	4.71%	1.060%
20	19.934	2727	2731	2733	rBV2	30519	37426	1.87%	0.420%
21	20.075	2750	2755	2760	rBV	125753	144992	7.23%	1.627%
22	20.228	2777	2781	2787	rVB2	32538	52771	2.63%	0.592%
23	20.416	2806	2813	2819	rBV	1494551	2005326	100.00%	22.509%
24	20.868	2885	2890	2895	rBV2	15180	26577	1.33%	0.298%
25	21.133	2931	2935	2940	rVB2	94057	116740	5.82%	1.310%
26	21.761	3038	3042	3049	rVB6	21318	35961	1.79%	0.404%
27	22.208	3110	3118	3126	rVB	247012	469136	23.39%	5.266%
28	22.355	3141	3143	3150	rVB5	15966	20764	1.04%	0.233%
29	23.818	3388	3392	3399	rVB8	11352	21913	1.09%	0.246%
30	25.839	3724	3736	3749	rVB3	129021	440689	21.98%	4.947%

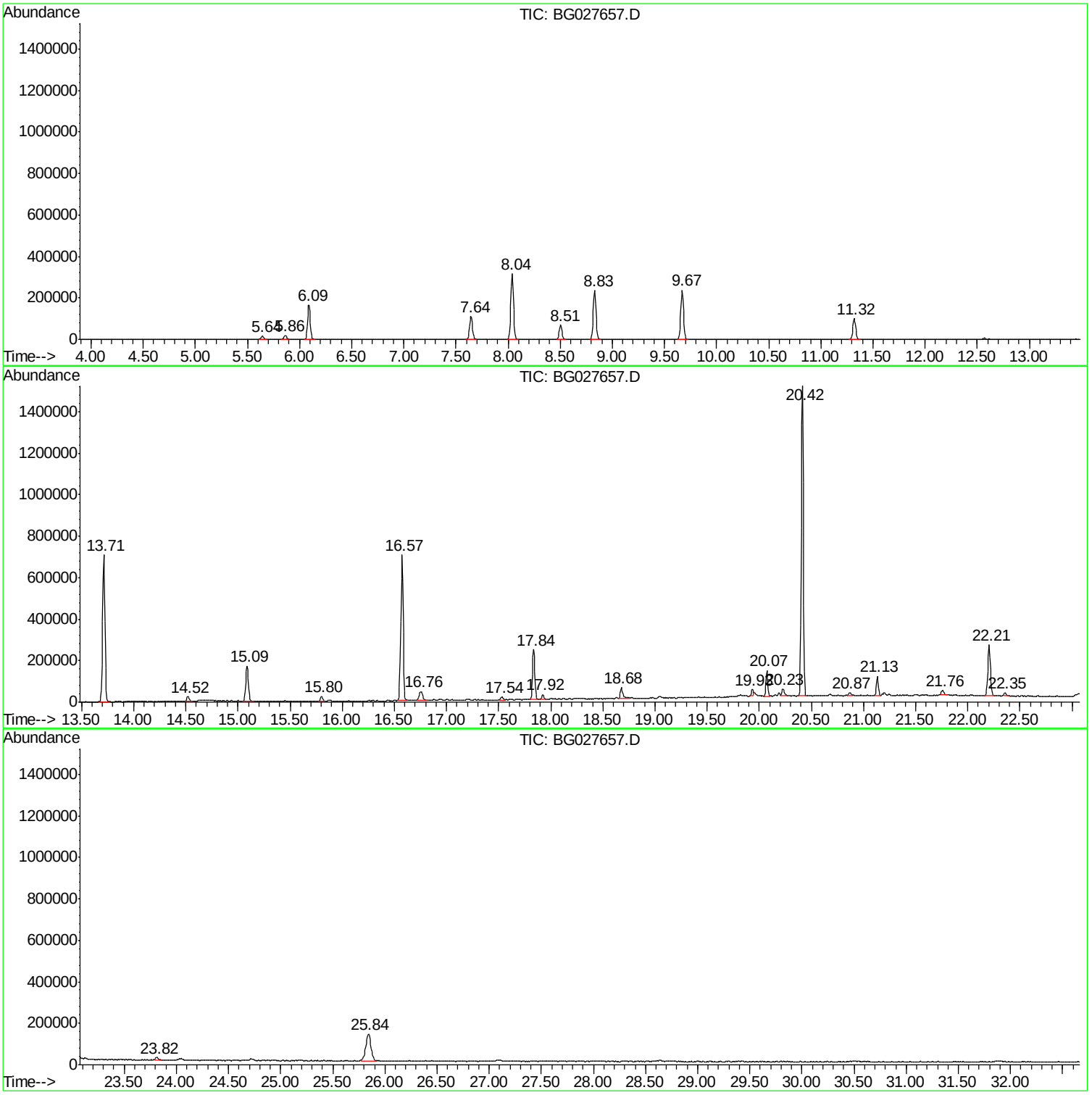
Sum of corrected areas: 8909017

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062417\
Data File : BG027657.D
Acq On : 24 Jun 2017 13:31
Operator : SJ/JU
Sample : I3657-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MW-105S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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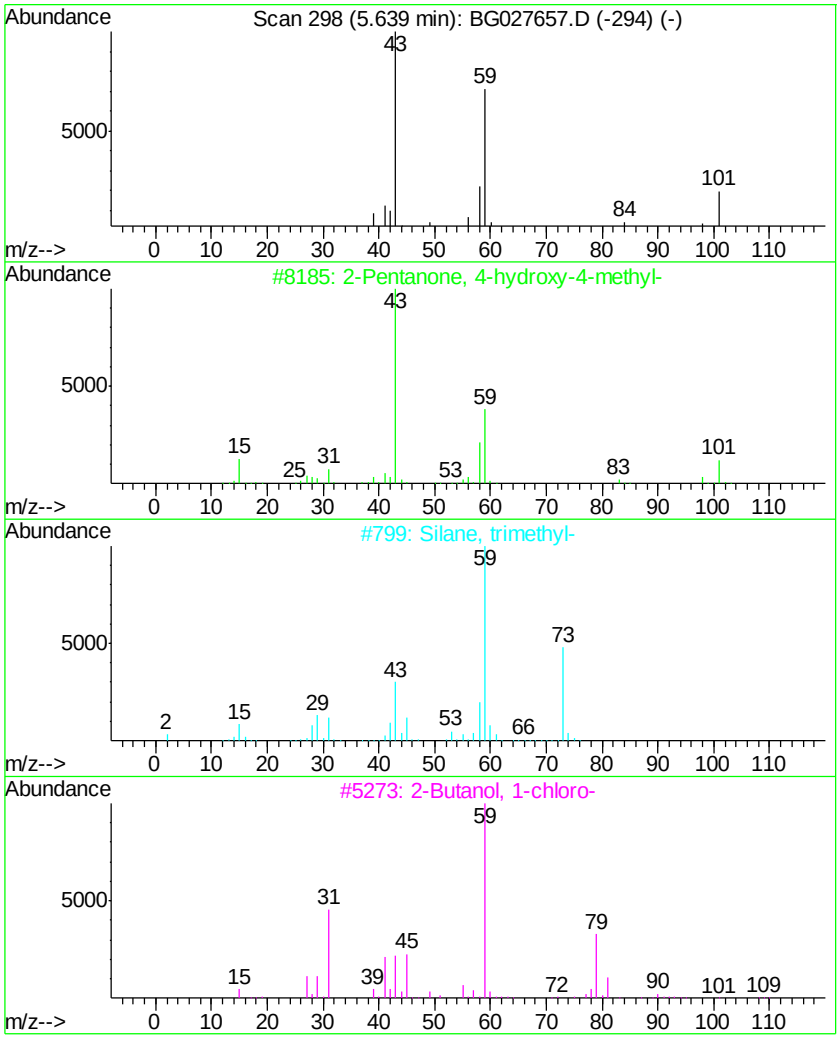
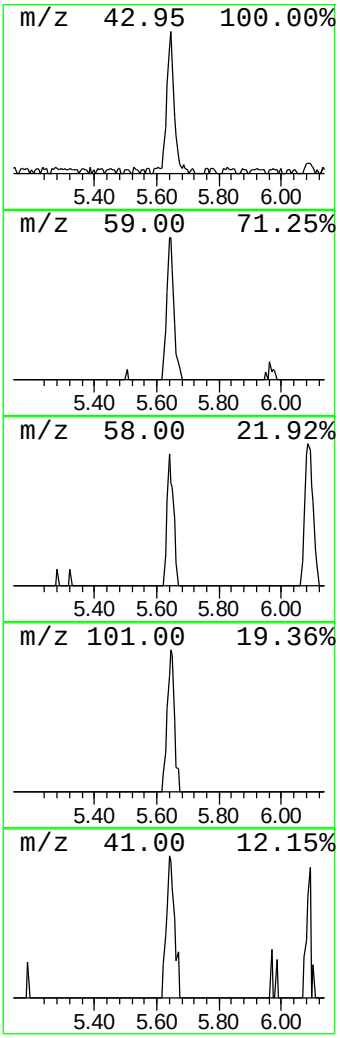
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	3.95 ng	25085	1,4-Dichlorobenzene-d4	8.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Silane, trimethyl-	74	C3H10Si	000993-07-7	23
3	2-Butanol, 1-chloro-	108	C4H9ClO	001873-25-2	17
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9
5	4-Pentene-2-ol, 2-methyl	100	C6H12O	000624-97-5	9





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Instrument : BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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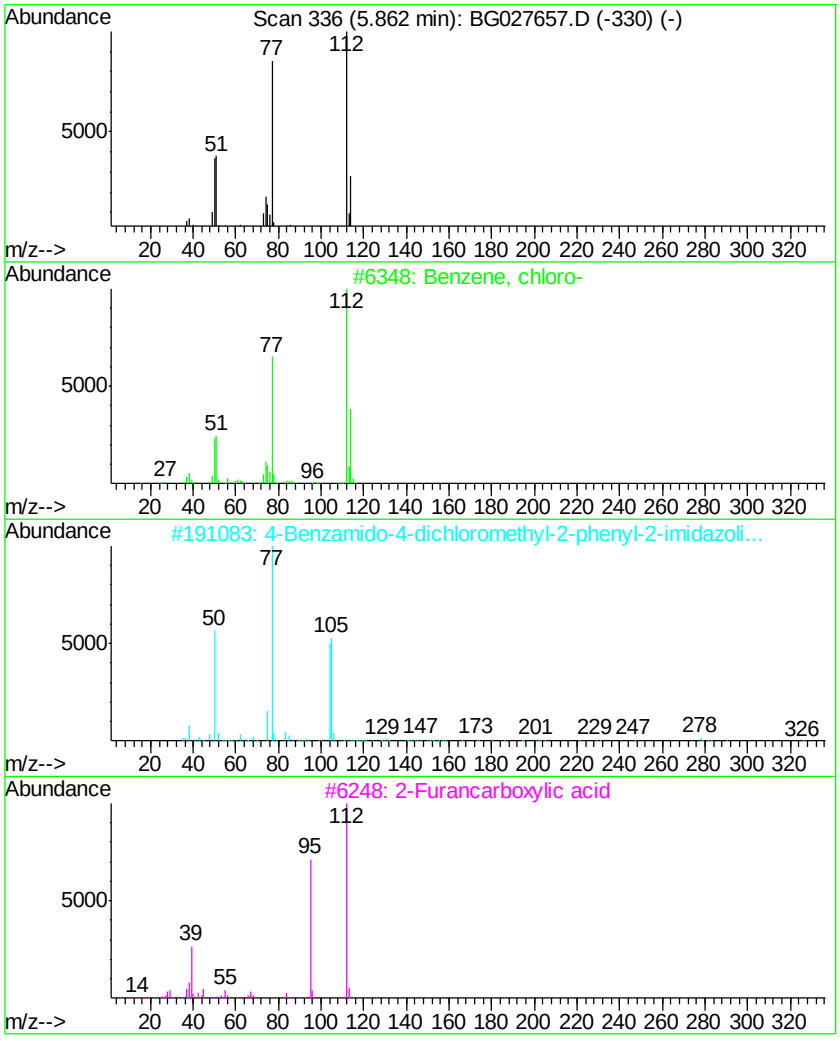
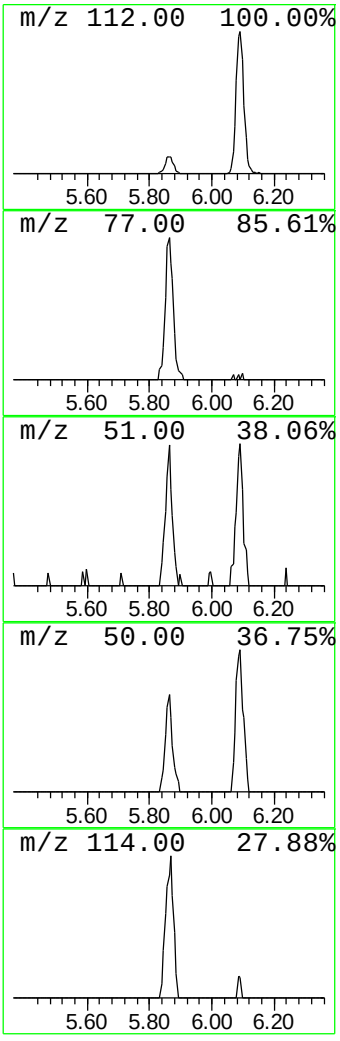
Peak Number 2 Benzene, chloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	5.00 ng	31798	1,4-Dichlorobenzene-d4	8.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, chloro-	112	C6H5Cl	000108-90-7	94
2	4-Benzamido-4-dichloromethyl-2-p...	361	C17H13Cl2N3O2	076543-29-8	22
3	2-Furancarboxylic acid	112	C5H4O3	000088-14-2	10
4	Phenol, 4-fluoro-	112	C6H5FO	000371-41-5	9
5	3-Nitropyrrole	112	C4H4N2O2	005930-94-9	9





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Misc :
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Instrument :
BNA_G
ClientSampleId :
MW-105S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
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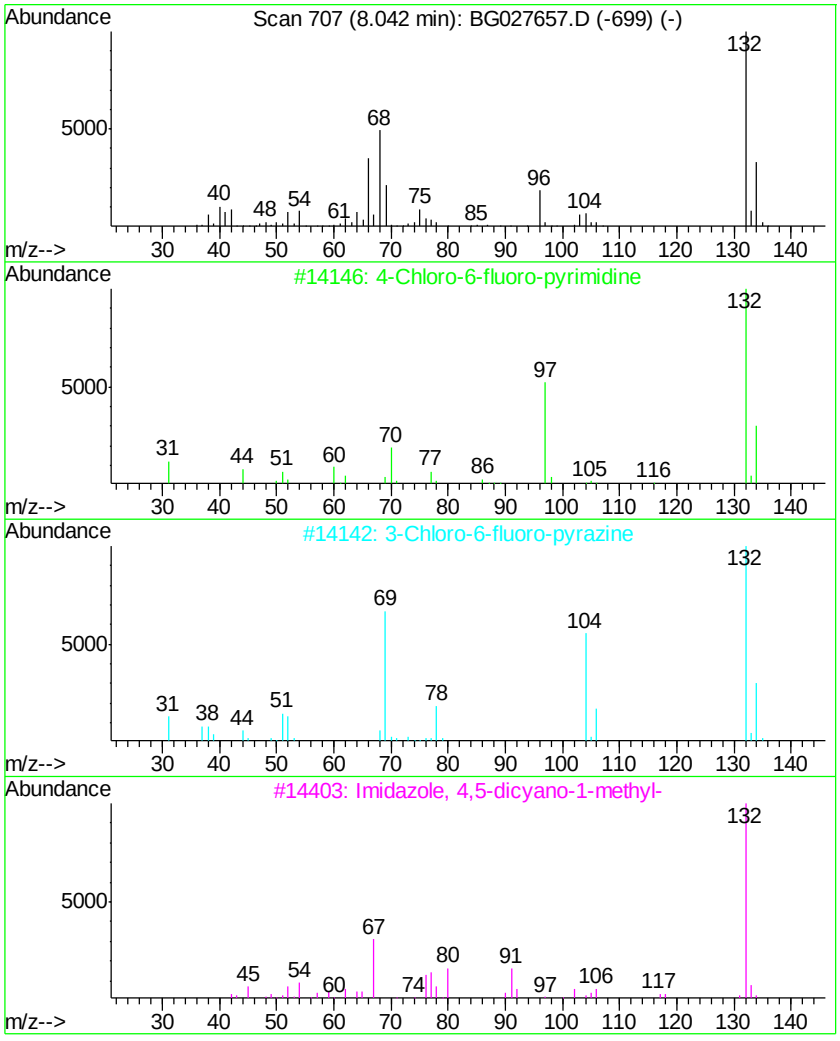
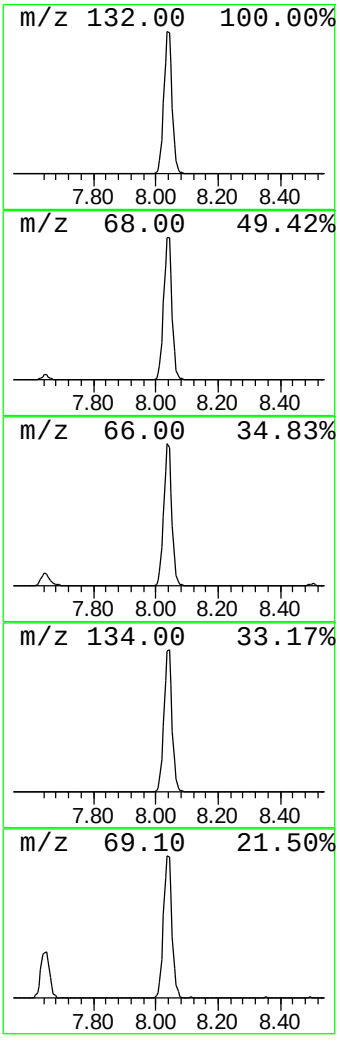
Peak Number 3 unknown8.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	91.59 ng	582078	1,4-Dichlorobenzene-d4	8.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	25
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5	(5-Methyl-2-pyridyl)acetonitrile	132	C8H8N2	1000241-93-9	22





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Misc :
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Instrument : BNA_G
ClientSampleId : MW-105S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
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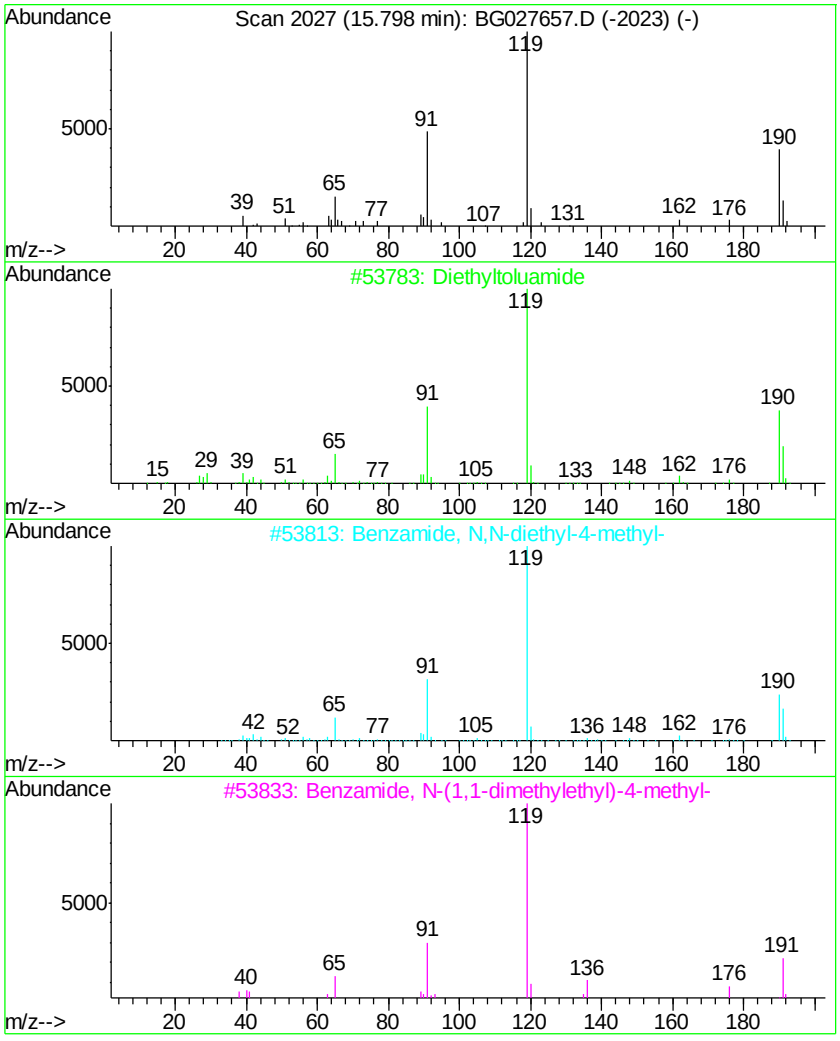
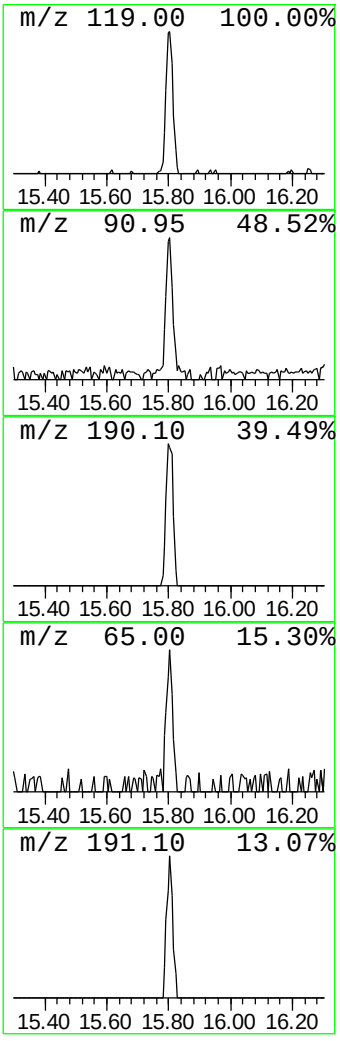
Peak Number 5 Diethyltoluamide Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	2.28 ng	33494	Acenaphthene-d10	15.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	91
3	Benzamide, N-(1,1-dimethylethyl)...	191	C12H17NO	042498-32-8	80
4	3-(4-Methylbenzoyl)acrylic acid	190	C11H10O3	020972-36-5	78
5	m-Toluic acid, 2-butyl ester	192	C12H16O2	005448-57-7	72





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Sample : I3657-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-105S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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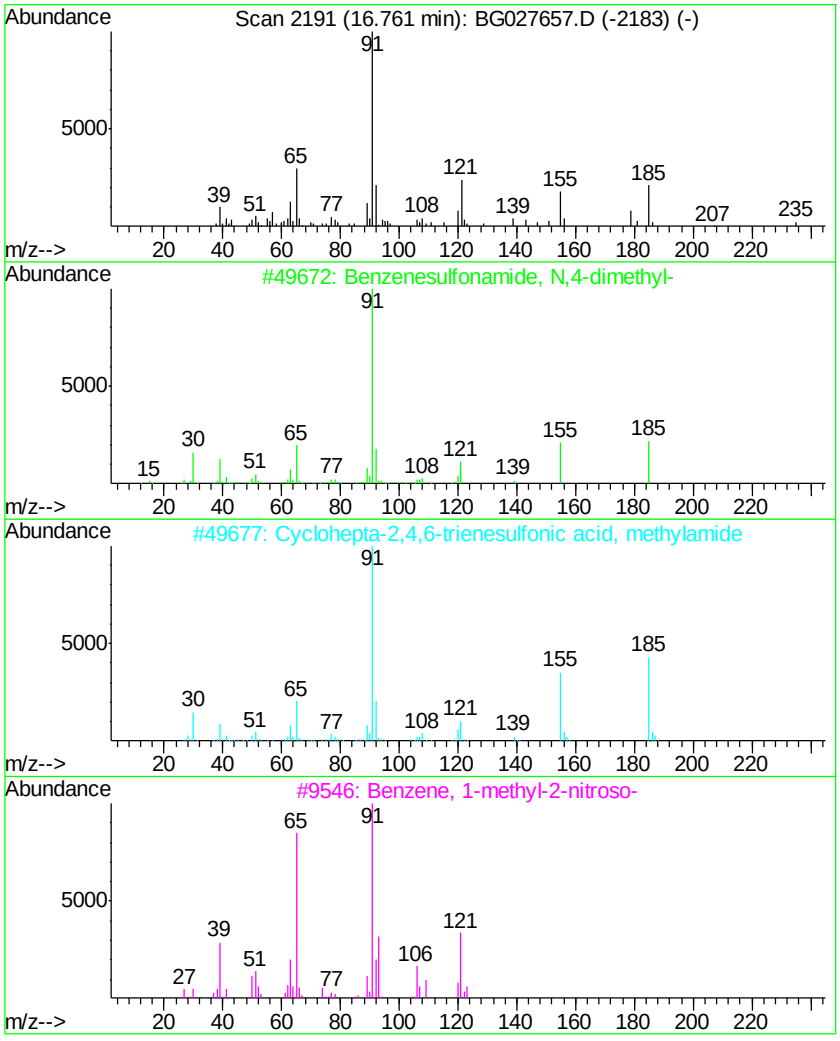
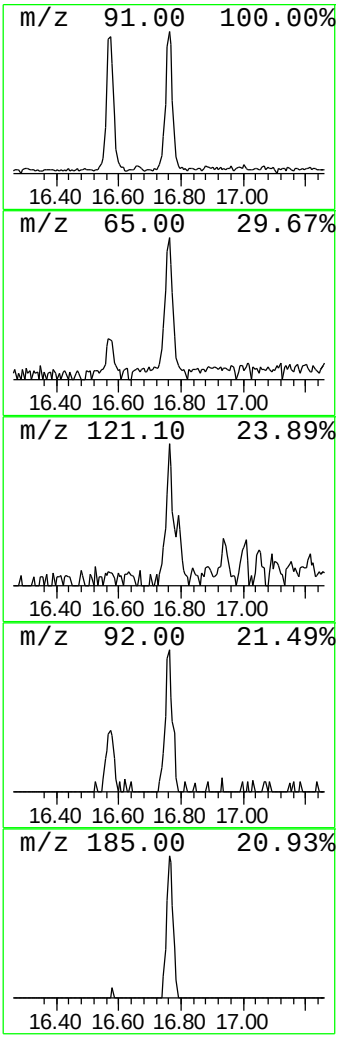
Peak Number 6 Benzenesulfonamide, N,4-dim... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	5.56 ng	105735	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	68
2	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	64
3	Benzene, 1-methyl-2-nitroso-	121	C7H7NO	000611-23-4	49
4	(2R)-(-)-Glycidyl p-toluenesulfo...	228	C10H12O4S	113826-06-5	47
5	4-Toluenesulfonylmethyl isocyanide	195	C9H9NO2S	036635-61-7	43





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Sample : I3657-09
Misc :
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Instrument : BNA_G
ClientSampleId : MW-105S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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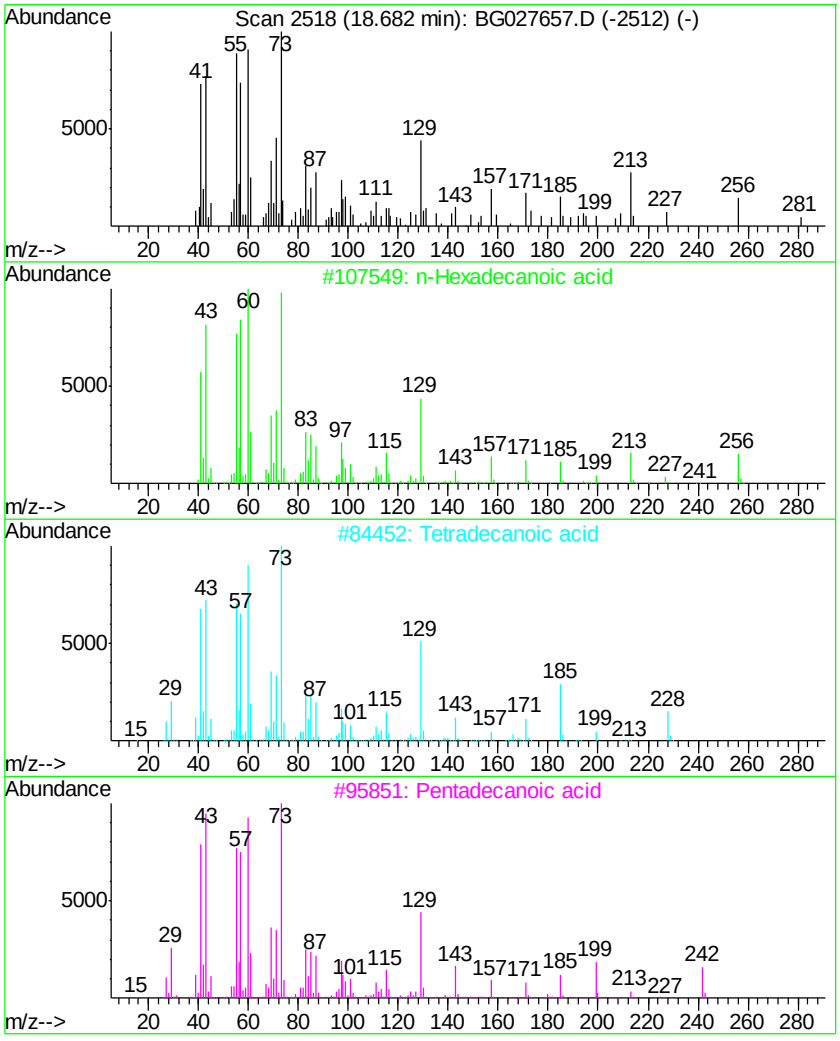
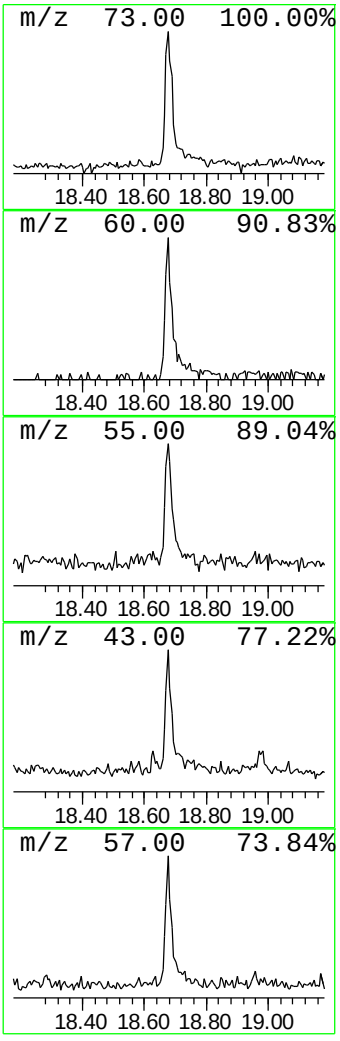
Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	4.97 ng	94454	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	52





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Misc :
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Instrument : BNA_G
ClientSampleId : MW-105S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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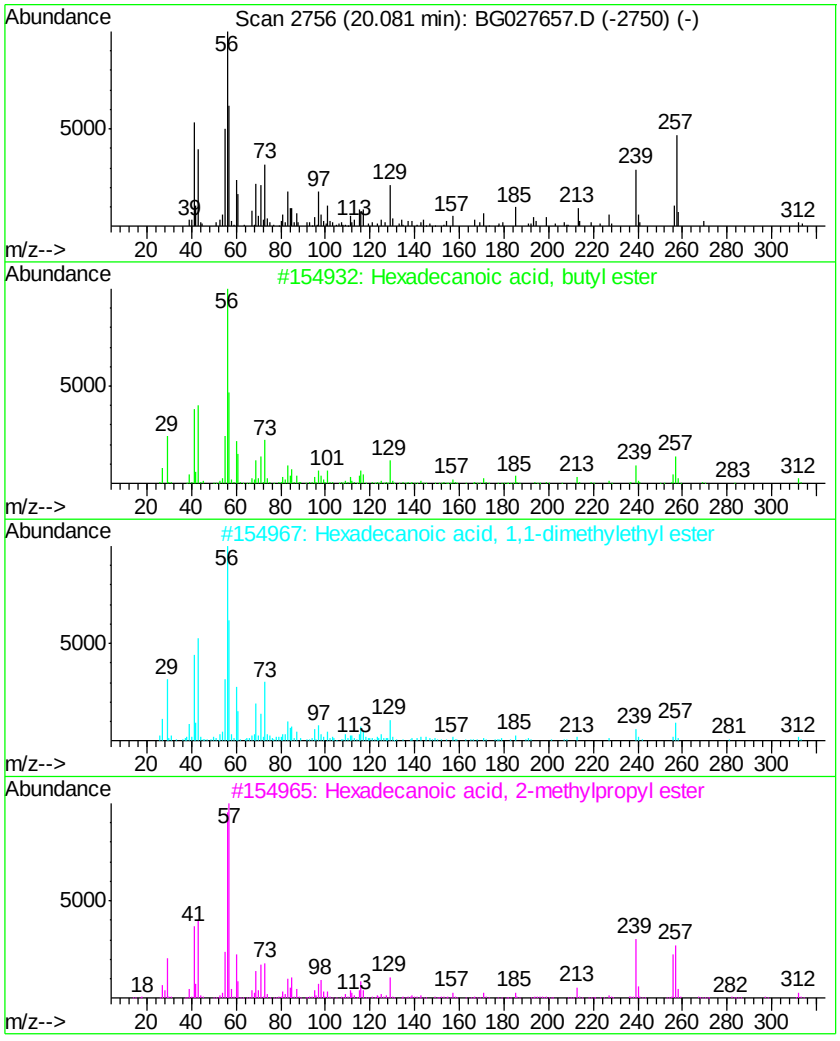
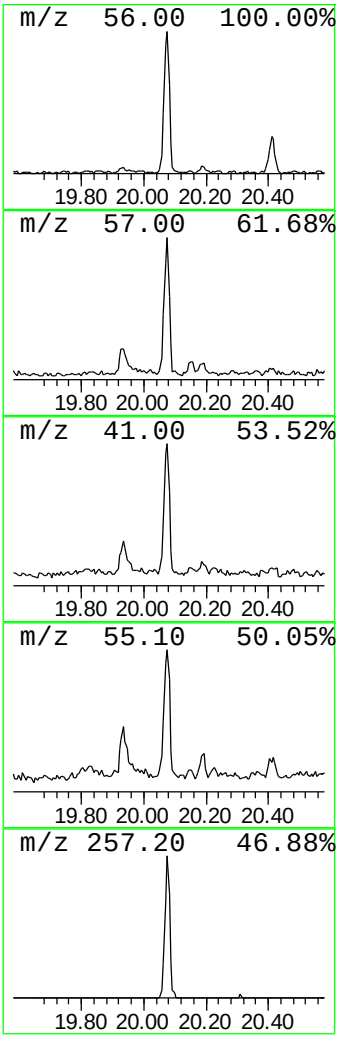
****

Peak Number 8 Hexadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	6.18 ng	144992	Chrysene-d12	22.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	97
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	93
4	Nipecotic acid	129	C6H11NO2	000498-95-3	43
5	Piperidin-4-carboxylic acid	129	C6H11NO2	000498-94-2	35





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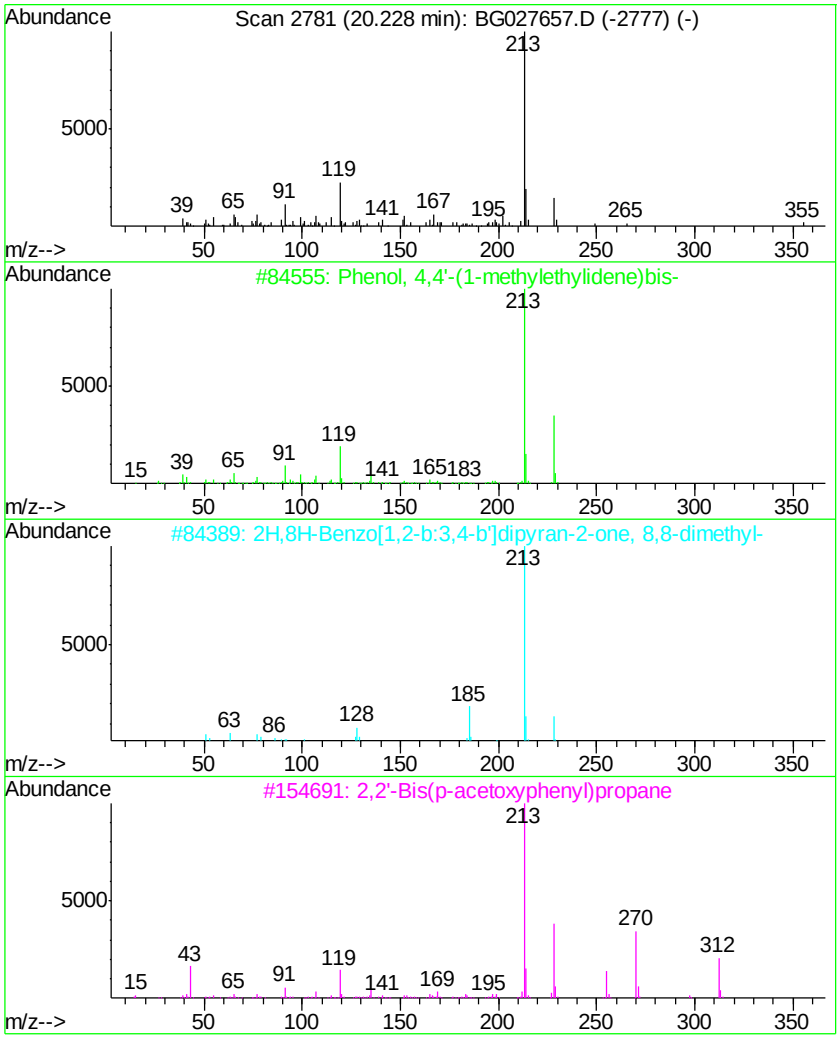
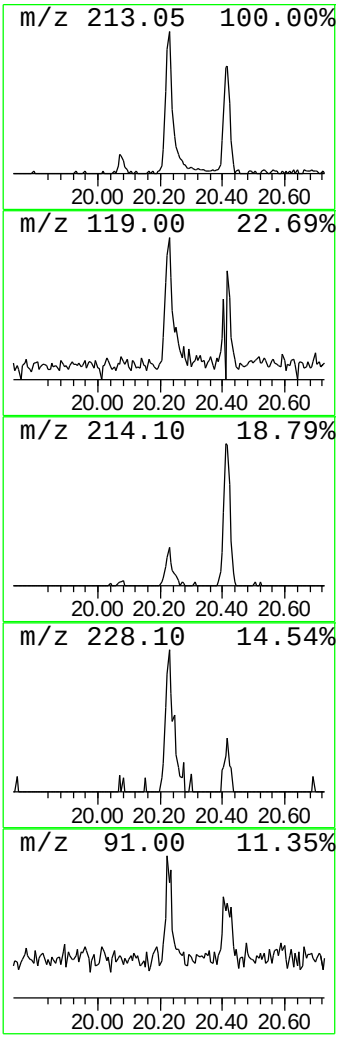
****
Peak Number 9 Phenol, 4,4'-(1-methylethyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.23	2.25 ng	52771	Chrysene-d12	22.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	83
2	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	53
3	2,2'-Bis(p-acetoxyphenyl)propane	312	C19H20O4	010192-62-8	53
4	2,5-bis(Trimethylsilyl)thiophene	228	C10H20SSi2	017906-71-7	53
5	Diphenolic acid	286	C17H18O4	000126-00-1	53





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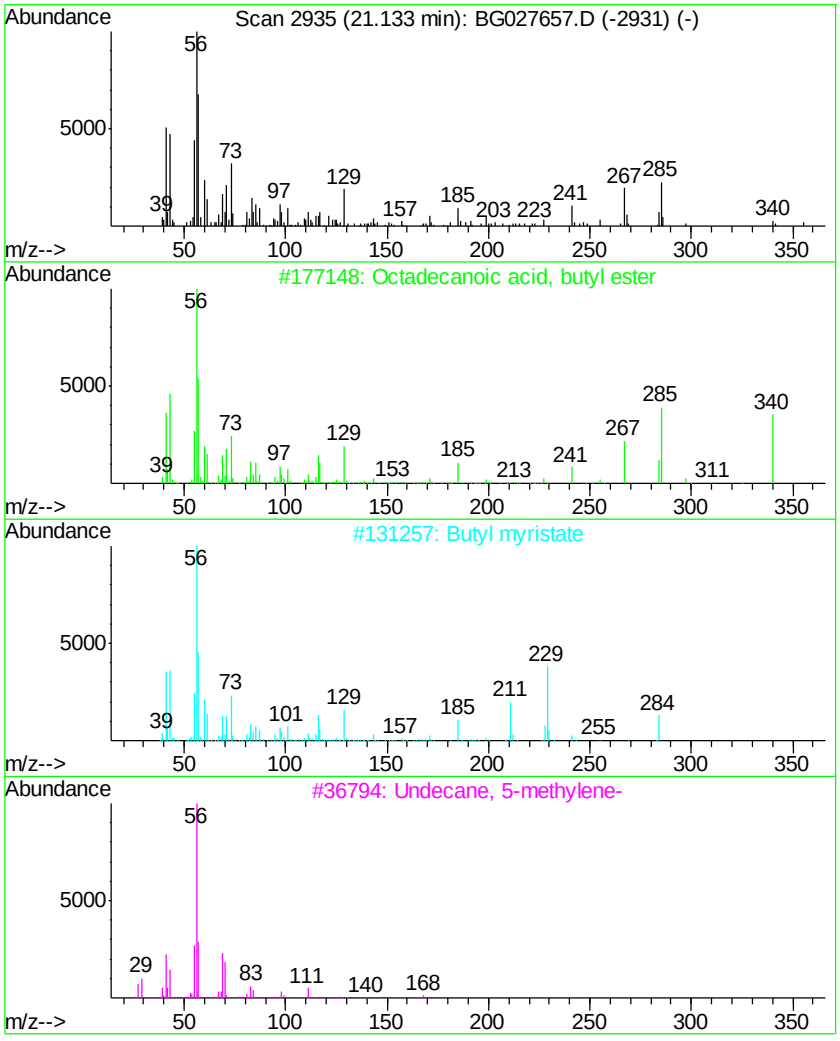
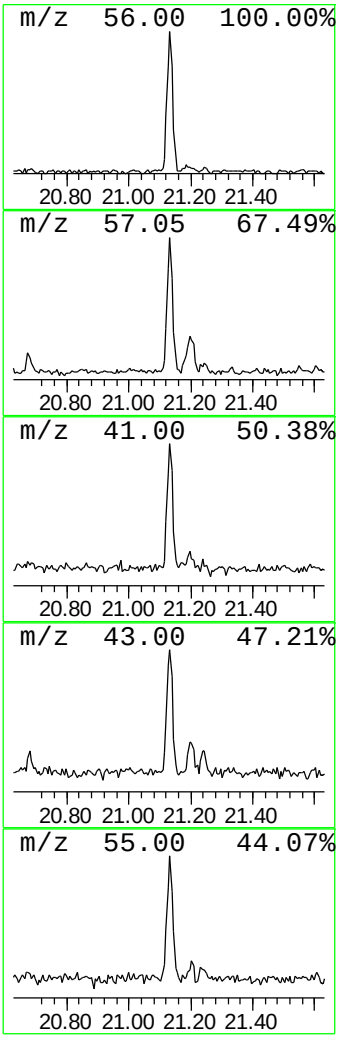
Peak Number 10 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.13	4.98 ng	116740	Chrysene-d12	22.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	50
2	Butyl myristate	284	C18H36O2	000110-36-1	47
3	Undecane, 5-methylene-	168	C12H24	005698-48-6	30
4	1-Hexene, 2,5-dimethyl-	112	C8H16	006975-92-4	30
5	Cyclopentanone, 2,2-dimethyl-	112	C7H12O	004541-32-6	30





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062417\
Data File : BG027657.D
Acq On : 24 Jun 2017 13:31
Operator : SJ/JU
Sample : I3657-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-105S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.64	4.0	ng	25085	1	8.51	127103	20.0
Benzene, chloro-	5.86	5.0	ng	31798	1	8.51	127103	20.0
unknown8.04	8.04	91.6	ng	582078	1	8.51	127103	20.0
Diethyltoluamide	15.80	2.3	ng	33494	3	15.09	294394	20.0
Benzenesulfonamid...	16.76	5.6	ng	105735	4	17.84	380158	20.0
n-Hexadecanoic acid	18.68	5.0	ng	94454	4	17.84	380158	20.0
Hexadecanoic acid...	20.08	6.2	ng	144992	5	22.21	469136	20.0
Phenol, 4,4'-(1-m...	20.23	2.3	ng	52771	5	22.21	469136	20.0
Octadecanoic acid...	21.13	5.0	ng	116740	5	22.21	469136	20.0